

Supplemental Questionnaire

COMPUTER SPECIALIST (Programmer/Analyst), FG-0334-12
Department of Transportation
FEDERAL AVIATION ADMINISTRATION
Mike Monroney Aeronautical Center, Civil Aviation Registry

Section 1: Minimum Qualifications

- 1. From the descriptions below, select the letter corresponding to the statement that most clearly and accurately describes your basic experience. Select only one letter.**
- A.** I have at least 1 year (12 months) of specialized experience which is equivalent to the FG-11 level in the Federal service that demonstrates accomplishment of computer project assignments that required a range of knowledge of computer requirements, techniques, computer hardware, and computer software. This knowledge is generally demonstrated by assignments where I analyzed a few alternative approaches in the process of advising management concerning major aspects of information systems design, such as what system interrelationships must be considered, or what operating mode, system software or hardware, and/or equipment configuration is most appropriate for a given project. Additionally, I have used my knowledge of system software and hardware and system development life cycles to perform the following types of duties: conducted feasibility studies for new mainframe-based systems or system modifications and recommended a course of action; tracked the use and status of resources throughout the development and operational life cycles of system design projects; developed specifications for large scale mainframe systems; and, troubleshoot design, implementation, and operational problems. This one year of specialized experience included experience in project planning and project management on a project of major significance and importance.
- B.** I do not have experience described above but I believe I can perform the duties of this position.

Section 2: Specialized Experience

For each of the following statements, circle the letter for the response that most accurately describes your level of experience in performing the task described, using the table below. Circle only one letter for each statement.

- A - I have had no experience or training in this.**
B - I have had education or training only in this, but no experience.
C - I have occasionally performed this task under close supervision.
D - I frequently and independently performed this task under normal supervision.
E - This task was/is a major part of my job, and I am considered an expert performing it.

Circle the appropriate letter.

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| 2. Prepares and delivers software demonstrations to the User Community, including instruction in system usage. | A | B | C | D | E |
| 3. Tests and diagnoses software problems, determining the course of action for resolution. | A | B | C | D | E |
| 4. Communicates effectively, both orally and in written form, at all levels to include colleagues, user community, management, contractors, and vendors. | A | B | C | D | E |
| 5. Knowledge of the mainframe ADABASE Conversion database files containing index data for the Registry's converted microfilm and microfiche documents. | A | B | C | D | E |
| 6. Experience in the setup or use of Application Independent Variables (AIVs) within a Natural programming language application and as a method of interface and data exchange between two separate mainframe applications. | A | B | C | D | E |
| 7. Writes specifications for large information systems using Software AG's Natural programming language and ADABASE database in a mainframe environment. | A | B | C | D | E |
| 8. Provides technical guidance to Natural-language programmers, including syntax, logic, and testing. | A | B | C | D | E |
| 9. Develops large information systems using Natural programming language and ADABASE database in a mainframe environment. | A | B | C | D | E |
| 10. Experience in modifying or designing complex ADABASE files, including determination of descriptors and super-descriptors to achieve highly efficient access to data stored in the ADABAS environment. | A | B | C | D | E |
| 11. Familiarity with the FAA Aircraft Registration System (ARS) or Comprehensive Airmen Certification System (CAIS). | A | B | C | D | E |
| 12. Has extensive working knowledge of the FAA Airman or Aircraft Document Control Systems. | A | B | C | D | E |
| 13. Trained as a system administrator for an electronic document management imaging system. | A | B | C | D | E |
| 14. Practical job experience using mainframe Natural application maps as the method for communicating between a workflow system and an electronic document imaging system. | A | B | C | D | E |
| 15. Gathers and interprets user requirements for a large, mainframe-based, automated imaging workflow system. | A | B | C | D | E |
| 16. Possesses in-depth understanding of image-based workflow application concepts including scanning, indexing, work queues, work packet routing, user qualification rules, etc. | A | B | C | D | E |

I certify that, to the best of my knowledge, all the information provided on this form is true, accurate, and complete.

Name

Date